

ABSTRACT

5 An application programming interface configured to transform data responsive to
a transform process definition. The transform process definition is interpreted
concurrently with the transformation process. This interpretation dynamically determines
navigation within, and processing of, the data to be transformed. Under control of the
transform process definition, a transform engine is configured to transform input data
10 using recursive calls to a transformation process. The recursive approach is responsive to
data structures within the transform process definition and simplifies operations such as
parallel processing, load-balancing of transformation tasks, nesting, un-nesting, filtering,
and the like.